

Official Railway Group D Syllabus 2018 - Download as PDF

Now is the time to kick start your RRB Group D preparation! Railways has announced the official notification for RRB Group D along with the official group D syllabus. So luckily you can know exactly what topics to study and focus on. Here is the official Railways Recruitment Board syllabus for RRB Group D posts, which is your key to 62,907 RRB vacancies. So start your preparation confidently and have a look at the [Railway Group D](#) official syllabus. It will give you a brief idea on how to start your exam preparations.

Get important dates, eligibility criteria, application process, direct link to apply and much more for Railway RRB Group D exam 2018 here:

[Official RRB Group D Notification 2018](#)

Before we you check out the syllabus, make sure you are familiar with the exam pattern for RRC Group D recruitment, below.

Railway Group D Exam Pattern

The RRC Group D selection will be based on 3 stages as follows:

1. Computer Based Test (CBT)
 2. Physical Efficiency Test (PET)
 3. Document Verification
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1. Computer Based Test

The CBT will be the first stage of selection that will be based on the following pattern:

Subjects	No. of Qs	Duration
Mathematics	100	90 Mins
General Intelligence and Reasoning		
General Science		
General Awareness on Current Affair		

There is negative marking for each incorrect answer.

- 1/3 of the marks allotted for each question shall be deducted for wrong answer.
- The Questions will be of objective type with multiple choices.

Complete Exam Pattern - RRB Group D 2018

Railway Group D syllabus for Computer Based Test (CBT)

The Computer Based Test will comprise of four subjects.

- [Mathematics](#)
- [General Intelligence and Reasoning](#)
- [General Awareness](#)
- [General Science](#)

The major topics in the syllabus are as follows:

Railway Group D Syllabus - Mathematics

(1) Simplification

- **Weight age: 7-10 Qs**
- **Topics: BODMAS, Approx Value, Percentage, Fractions, Decimals and Surds and Indices**

(2) Data Interpretation

- **Weight age: 4-5 Qs**

- **Topics: Tabular Graph, Pie Chart, Line Graph, Bar Graph.**

(3) Algebra

- **Weight age: 3-4 Qs**
- **Topics: Identities, Linear Equation in 1 Variable, Linear Equation in 2 Variable, Quadratic Equation, Polynomials, Unit digit, Linear inequalities and Functions**

(4) Percentages

- **Weight age: 2-3 Qs**
- **Topics: Calculation-oriented basic percentage.**

(5) Number System

- **Weight age: 2-3 Qs**

Topics: LCM and HCF, Divisibility and Remainder, Integers and Rational and Irrational numbers

(6) Averages

- **Weight age: 1-2 Qs**
- **Topics: Average Weight/Height/Age/Marks, Average Money Expenditure, Average Temperature etc.**

(7) Ratio and Proportion

- **Weight age: 1-2 Qs**
- **Topics: Simple Ratios, Compound Ratios, Direct or Indirect Proportion, Component or Dividend, Fourth Proportional, Third Proportional, Age, Mean Proportional**

(8) Mixture Problems

- **Weight age: 1-2 Qs**
- **Topics: Problems on making a mixture of two or more entities/mixtures.**

(9) Menstruation

- **Weight age: 2-3 Qs**
- **Topics: Areas & volume of Square, Rectangle, Circle or Semi Circle, Triangle, Rhombus, Trapezium, Parallelogram, Cone, Cylinder, Cube, Cuboids, Sphere, Right Prism, Tetrahedron, Pyramid.**

(10) Time and Work

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- **Weight age: 1-2 Qs**
 - **Topics: Work Efficiency , Work and Wages, Pipes and Cistern**

(11) Speed Time and Distance

- **Weightage: 2-3 Qs**
- **Topics: Partial Speed, Relative Speed, Average Speed, Boat and River, Problem on Trains.**

(12) Interest

- **Weightage: 1-2 Qs**
- **Topics: Simple Interest, Compound Interest, Combined problems on SI & CI.**

(13) Profit and Loss

- **Weightage: 2-3 Qs**
- **Topics: Dishonest Dealings, Successive Selling, Partnership, Discount and Marked Price and Mixture Problems.**

(14) Number Series

- **Weightage: 1-2 Qs**
- **Question Types: Problems on Completing the Series, Finding the Missing Term, Finding the Wrong Term.**

(15) Geometry

- **Weight age: 1-2 Qs**
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- **Topics: Basic problems on Triangles, Congruence & Similarity. Theorems on Segments, Tangents & Chords. Basic Qs on different types of Quadrilaterals. and Co-ordinate Geometry**

(16) Trigonometry

- **Weight age: 0-1 Qs**
- **Topics: Identities, Functions, Heights and Distances, Max and Min value, Circular Measure of Angles.**

(17) Probability

- **Weight age: 0-1 Qs**
- **Difficulty Level: Could be tricky, Moderately time Consuming**
- **Question Types: very basic problems on probability.**

Railway Group D Syllabus - General Intelligence & Reasoning

(1) Analogy

- **Weight age: 2-3 Qs**
- **Topics: Analogy can be Letter based, Letter and Number based, Meaning Based, GK based, Image Based and based on members of a group.**

(2) Series

- **Weight age: 3-5 Qs**
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- **Topics: Alphabetic Series, Number Series, Mixed Series, General Knowledge Series.**

(3) Coding and Decoding

- **Weight age: 1-3 Qs**
- **Topics: Coding and decoding by letter shifting, Coding and decoding in fictitious language, Coding letter of a word, Operation based on place value, Coding by analogy.**

(4) Puzzles

- **Weight age: 4-5 Qs**
- **Topics: Quant based puzzle, Logical puzzle (Equation insert, BODMAS rule, Inequality, Coded logic), Seating Arrangement (Circular Arrangement, Linear Arrangement), Scheduling, Double Line up, Clock Calendar.**

(5) Direction & Distance

- **Weight age: 0-1 Qs**
- **Topics: Route & network based problems.**

(6) Blood Relation

- **Weight age: 1 Qs**
- **Topics: General blood relation problems, Family tree problems, Coded blood relation problems.**

(7) Alphabet & Word Test

- **Weight age: 0-1 Qs**
- **Topics: Sequence (Logical order, Dictionary order, Reverse dictionary order), New word by adding prefix, New word by adding Suffix, Jumble words (Find odd one, Unjumble words), Matrix, Word formation (New word formed, Word cannot be formed)**

(8) Venn Diagram

- **Weight age: 2-3 Qs**
- **Topics: Logical Venn diagram, Venn diagram problem, Syllogism.**

(9) Missing Number

- **Weight age: 1-2 Qs**
- **Topics: Matrix & diagram related problems.**

(10) Non-Verbal Reasoning

- **Weight age: 1-2 Qs**
- **Topics: Assemble Image, Mirror Image, Hidden Image, Completion of Incomplete Pattern, Cubes and Dice (Construction of Boxes, Problems on Dice), Paper Folding and Cutting, Missing Term, Counting Figures.**

(11) Classification

- **Weight age: 1-2 Qs**
- **Topics: Letter based, Letter and number based, Meaning based, General knowledge-based, Image Based, Number based.**

(12) Verbal Reasoning

- **Weight age: 1-2 Qs**
- **Topics: Statements and Conclusions, Statements and Inferences, Statements and Assumptions, Assertion and Reason, Course of Action, Statements and Arguments.**

Railway Group D Syllabus - General Awareness **& Current Affairs**

(1) Current Affairs

- **Weight age: 5-6 Qs**
- **Topics: Art and Culture, Awards and Honors, Business and Economy, Books and Authors, Committees and Recommendations. National Affairs, People in News, Places in News, Defense news, Days and Events, Government Policies and Schemes, Sports, Capitals and Currencies, Appointments and Resignations.**

(2) Geography

- **Weight age: 5-9 Qs**
- **Topics: Indian Geography (National Park & Centuries, Wildlife Centuries etc.)**

(3) History

- **Weight age: 2-3 Qs**
- **Topics: Indian Freedom Struggle, Ancient History, Medieval History, Post Independence History.**

(4) Polity

- **Weight age: 3 Qs**
- **Topics: Constitution of India, Government Portfolios etc.**

(5) Economics

- **Weight age: 2-3 Qs**
- **Topics: Indian Economy, Economic Organizations, World Economy, Business, Economic Theory.**

(6) Miscellaneous Topics

- **Weight age: 6-8 Qs**
- **Topics: Art and Culture, Awards and Honors, Places in News, Books and Authors, Committees and Recommendation, Sports, Environment, Banking Awareness, Science & Technology.**

Railway Group D Syllabus - General Science

The general science subject includes questions from Physics, Chemistry & Life Science of 10th standard level. These questions basically test your knowledge of everyday observation and experience in scientific aspect.

This subject holds weight age of 23- 25 marks. The Qs will be related to Biology, Physics, Chemistry, Earth Sciences, Environmental Sciences, Astronomy and Space Technology, Computers and Mobile Technology, Inventions and Discoveries, Nutrition, Military Technology, Diseases etc.
